

## AMENDMENTS

### *In the Claims*

24. An apparatus as in claim 13, further comprising an endothermic reaction stream in at least one of said first reaction channels, an exothermic reaction stream in at least one of said second reaction channels, and a heater to preheat at least one reaction stream prior to its entry into a reaction channel.

27. A method as in claim 25, further comprising preheating at least one reaction stream with a heater prior to its entry into a reaction channel.